

Tuesday, November 08, 2016 8:27:14 AM

Page 1

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DAS
38
9-88

DEC 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified ☐	☐	Past Due	☐				

Work Order ID 152857

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152857

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Item ID: D3242-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Tag

Start Date: 10/28/2016 Start Qty: 10.00

10

Cust Item ID:

Required Date: 11/7/2016 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging		0.02							
Packaging	Memo LOCATION : GA								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC		0.17							
Quality Control	Memo								

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DEC 08 2016

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DEC 12 2016

MF
16-12-09

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Root Cause		FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____	
Misidentified ☐	Past Due ☐																																																														

Picklist Print

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Page 1

Work Order ID: 152857

152857

Parent Item: D3242-1

D3242-1

Parent Item Name: Tag

Start Date: 10/28/2016

Required Date: 11/7/2016

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A04.02.20New issueKJ/DS
IPP Rev:B 08-03-18 chg to revC DD verified by:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3242-1P

Purchased

No

100

Each

0.0000

1

10

D3242-1P

Tag

10x sp 16-12-5.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

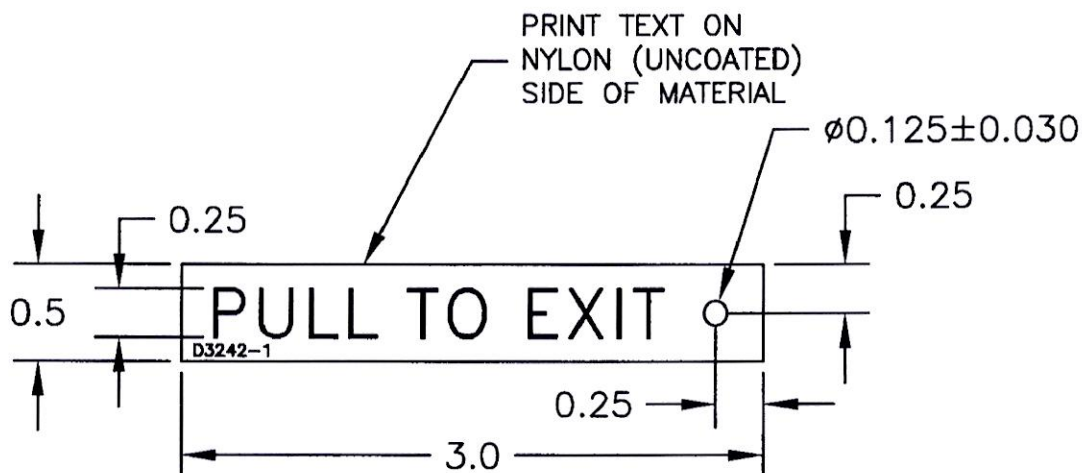
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



DESIGN #1	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #1	DRAWING NO. D3242	REV. C SHEET 1 OF 1
DATE 07.04.03		TITLE TAG	SCALE 1:1
A	04.01.06	NEW ISSUE	
B	04.02.09	RE-DESIGN	
C	07.04.03	CORRECT/UPDATE MATERIAL; ADD TOL; ADD 0.25 DIM; SPECIFY PRINTING SIDE	

RELEASED

07.04.09 #1



D3242-1 TAG

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 152857MCS
16-11-08

NOTES:

- 1) MATERIAL: HIGHLAND INDUSTRIES M0100840 URETHANE COATED NYLON, ORANGE (REF TULMAR MATERIAL #1508)
OR
LAMCOTEC COATING TECHNOLOGIES INC. 200 DENIER URETHANE COATED NYLON, #310 ORANGE (REF TULMAR MATERIAL #1703)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No Page

58937 1

Ship Date
11/25/2016

Bill To:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7
Canada

Order number 34322	Sales order date 11/11/2016	Account number CDART100	Loc H	Account manager Francine Bigras
PO number PO34274	Ship via Pick-Up	Shipping Terms FOB ORIGIN		
Item No. Description	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
5385 Label Dart, Black letters / Size 3"x 1/2" Drawing No: D3242 (P/N D3242-1) DWG Rev: C SF 40984 LN 1 LN 2 - 71401-45 Quality Clauses A004 A005 A007 A016 A026 A040 A041 A043 (TSS=5 yrs only)	10.00	EA	10.00	
Lot no.: BATCH0000000038	10.00			

8/6/12-5

DAS
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Certificate of Conformance

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.
If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

Lorraine LaLiberté

Date: NOV 25 2016

Highland Industries, Inc.

Kernersville Finishing Plant
215 Drummond St., Kernersville, NC 27284
Tel: (336) 993-2154 Fax: (336) 992-1409

Release No: 42201

Pick Ticket No: 43275

Purchase Order No: 27584-00

CERTIFICATE OF ANALYSIS

PROCESS CERTIFICATION: THIS MATERIAL CONTAINS NO POLYESTER URETHANES AND NO POLYESTER URETHANES WERE USED IN THE MANUFACTURING OF THIS MATERIAL.

Description: 200 denier Nylon denier
single coated, Width: 46"

Style No: M0100840

COA Date: 8/15/2014

Lot Number: 735083

MFG Date: 8/13/2014

FAA TSO C13f MIL-C83489/1

AMS-3272/1 with tear deviation to 4lb/3lb per MIL-C-83489/1 Fabric
"Orange"

Ship To: Tulmar Safety Systems
1123 Cameron St.
Hawkesbury, Ontario
Canada K6A 2B8

Film: Polyether

Description (Units)	Standard	Specification	Results
Weight (oz/yd2)	FED STD 191a No. 5041	6.0-7.5	6.3
Tear Strength	WARP	FED STD 191a No. 5134	Record
Tongue (lbs)	FILL		5.1
			5.2
Tear Strength	WARP	FED STD 191a No. 5136	10 min
Trap (lbs)	FILL		11.1
			8 min
			9.2
Tensile Grab	WARP	FED STD 191a No. 5100	210 min
WARP X FILL (lbs)	FILL		262
			180 min
			210
Adhesion, Strip (lbs/in)	WARP	FED STD 191a No. 5970	15 min
			41
Breakaway (lbs/in)	WARP	FED STD 191a No. 5100	50 min
			86

Amanda Hale

QA Authorized Representative

8/15/2014

Date

Fax Confidentiality Statement

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AUG 25 2014



cl's used to mbg. D3242-1

Rev. C

Revised 8/15/14

1508 B#8

TULMAR

Time Expired – Shelf-Life Questionnaire

Tulmar P/N	Description	Dwg #	Revision	Qty
7306	TW Multi-Plastic Ink	N/A	N/A	1
Tulmar PO #	Line Item #	Supplier Name / Address	Supplier Packing Slip #	
30174-00	TW	Discovery Lancer Group - WPG., MB	337465	

Definitions:

- Shelf Life:** The time frame within which material must be transformed by a manufacturing process (used, cut, assembled, etc.). The "Shelf Life" is not passed on to the end product (No longer applicable once the product has been transformed).
- Expiry Date:** Date after which goods will no longer perform as intended even when incorporated in an assembly. The "Expiry Date" will be applicable to the component itself and/or transferred to the end product.

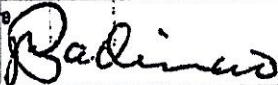
Which definition applies to your product:

☐ Expiry Date - Specify date of expiry:	☒ Shelf Life - Specify the life:	When did the Shelf Life start?
____ (DD-MM-YY)	☒ 5 years	date of mfg: ____ (DD-MM-YY)
	☐ ____ months	date shipped: ____ (DD-MM-YY)
	☐ ____ days	other: ____ (DD-MM-YY)
		describe "other":

Explain what will happen to the product past the "Shelf life or Expiry date": ex.: Adhesives, Elastomeric Products, Rubbers & similar (attach supporting information/documents if applicable)

THE TW1000 SERIES INK WILL EXPIRE DUE TO THE FACT THAT THE LID WAS OPENED
AND INK HAS BEEN EXPOSED TO AIR WHICH WILL CAUSE THE INK TO HARDEN.

Person completing this information (with attachments):

Signature 	Name Roger Padrinao	Date (DD-MM-YY) 31/05/16
Title Shipper/Receiver	Email shipping@lancergroup.com	Phone # 204-885-7792

JUN 03 2016



7306
B#43

Form Revision 13 Aug 2012

TULMAR

Certificate of Conformance

Tulmar P/N	Description	Dwg #	Revision	Qty
	7306-RET TW MULTI PLASTIC RETARDER			1
Tulmar PO #	Line Item #	Supplier Name / Address	Supplier Packing Slip #	
26616-00	TW-1091-4	DISCOVERY LANCER 145 RIVIERA DR. MARKHAM ON L3R5J6		

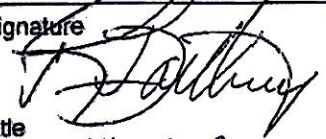
Supplier Declarations:

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods : USA		if YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒ if YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com
Expiry date	<u>Definition:</u> Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒ AS LONG AS LID IS ON TIGHT

Additional Information (MRS#, MRA#, limitations, etc...):

--

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature 	Name R. BARTLEY	Date (DD-MMM-YYYY) 5/11/13
Title SHIPPER	Email	Phone # 905) 470-0744

Form Revision 13 Aug 2012

7306-RET / 11 (SN)